0	For receiving Office use only		
0-1	International Application No.		
0-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
0-4	Form PCT/RO/101 PCT Request		
0-4-1	Prepared Using	PCT-SAFE Version 3.50 (Build 0002.173)	
0-5	Petition		
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)	
0-7	Applicant's or agent's file reference	FP05058	
I	Title of Invention	VACUUM CLEANER	
11	Applicant		
11-1	This person is	applicant only	
11-2	Applicant for	all designated States except US	
11-4	Name	LG ELECTRONICS, INC.	
II-5	Address	20, Yoido-Dong, Yongdungpo-Ku Seoul150-010 Republic of Korea	
11-6	State of nationality	KR	
11-7	State of residence	KR	
11-8	Telephone No.	+82-55-260-3823	
II-9	Facsimile No.	+82-55-260-3507	
II-10	e-mail	sky618@lge.com	
II-11	Applicant's registration No. with the Office	1-2002-012840-3	

lii-1	Applicant and/or inventor	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	SON, Youngbok
III-1-5	Address	Shinwol-Dong 25-3 Changwon-Shi Kyungsangnam-Do641-060 Republic of Korea
III-1-6	State of nationality	KR
III-1-7	State of residence	KR
III-1-11	Applicant's registration No. with the Office	620704-1110218
III-2	Applicant and/or inventor	
III-2-1	This person is	applicant and inventor
111-2-2	Applicant for	US only
111-2-4	Name (LAST, First)	SHIN, Jinhyouk
III-2-5	Address	Jugong Apt. 104-1402 2220 Yeonsan-Dong, Yeonje-Gu Busan611-080 Republic of Korea
111-2-6	State of nationality	KR
111-2-7	State of residence	KR
III-2-11	Applicant's registration No. with the Office	691017-1337325
III-3	Applicant and/or inventor	
III-3-1	This person is	applicant and inventor
III-3-2	Applicant for	US only
111-3-4	Name (LAST, First)	BAE, Sang-Hun
III-3-5	Address .	Daedong Apt. 111-1504 Sangnam-Dong, Changwon-Shi Kyungsangnam-Do641-010 Republic of Korea
III-3-6	State of nationality	KR
111-3-7	State of residence	KR
III-3-11	Applicant's registration No. with the Office	730701-1108618

III-4	Applicant and/or inventor		
III-4-1	This person is	applicant and inventor	
111-4-2	Applicant for	US only	
111-4-4	Name (LAST, First)	LEE, Sung-Hwa	
III-4-5	Address	Towol-Sungwon Apt. 503-402 Sangnam-Dong, Changwon-Shi Kyungsangnam-Do641-010 Republic of Korea	
III-4-6	State of nationality	KR	
111-4-7	State of residence	KR	
III-4-11	Applicant's registration No. with the Office	570924-1093414	
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent ·	
IV-1-1	Name (LAST, First)	LEE, Kwang-Yeon	
IV-1-2	Address	LEE & KIM, 5th Floor, New-Seoul Bldg. 828-8, Yoksam 1-Dong, Kangnam-Ku Seoul135-935 Republic of Korea	
IV-1-3	Telephone No.	+82-2-553-7770	
IV-1-4	Facsimile No.	+82-2-558-7770	
IV-1-5	e-mail	lnkip@lnkip.com	
IV-1-6	Agent's registration No.	9-1998-000470-8	
$\overline{v}$	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		
VI-1	Priority Claim	NONE	
VII-1	International Searching Authority Chosen	Austrian Patent Office (ISA/AT)	

VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	_	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	9	<b>√</b>
IX-3	Claims .	2	/
IX-4	Abstract	1	<b>/</b>
IX-5	Drawings	3	✓
IX-7	TOTAL	20	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	-	<b>√</b>
IX-11	Copy of general power of attorney	-	<b>√</b>
IX-17	PCT-SAFE physical media	-	-
IX-19	Figure of the drawings which should accompany the abstract	3	
IX-20	Language of filing of the international application	Korean	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)		
X-1-2	Name of signatory		
X-1-3	Capacity		

#### Print Out (Original in Electronic Form)

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/AT
10-6	Transmittal of search copy delayed until search fee is paid	

11-1	Date of receipt of the record copy by	
	the International Bureau	